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Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/876,549
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<b>Filing Date</b>	June 7, 2001
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First Named Inventor	John SantaLucia, Jr.
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Group Art Unit	1645
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Examiner Name \_\_\_\_\_

Attorney Docket Number	WSU 0192 PUSP
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Sheet

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Examiner  
Signature

Date  
Considered

Considered	12/1/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/876,549
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				First Named Inventor	John SantaLucia, et al.
				Group Art Unit	
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	WSU 0192 PUS
<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
AK		ALLAWI, H.T., ET AL., Thermodynamics and NMR of Internal G-T Mismatches in DNA, Biochemistry, 36, 1997, pgs. 10581-10594.			
AK		ALLAWI, H.T., ET AL., Nearest-Neighbor Thermodynamic Parameters For Internal GA Mismatches in DNA, Biochemistry, 37, 1998, Pgs. 2170-2179.			
AK		ALLAWI, H.T., ET AL., Nearest-Neighbor Thermodynamics of Internal AC Mismatches in DNA: Sequence Dependence and pH Effect, Biochemistry, 37, 1998, pgs. 9435-9444.			
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AK		DOPAZO, J., ET AL. Design Of primers for PCR amplification of highly variable genomes. CABIOS, 9, 1993, pgs. 123-125.			

Examiner Signature	<i>Andrew Kennedy</i>	Dat Consid red	12/4/03
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				First Named Inventor	John SantaLucia, et al.
				Group Art Unit	
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	WSU 0152.788
<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
AK		KE ET AL. Influence of Neighboring Base Pairs on the Stability of Single Base Bulges and Base Pairs in a DNA Fragment, Biochemistry, 34, 1995, pgs. 4593-4600. ✓			
AK		KIERZEK, R., ET AL. Thermodynamics of Single Mismatches in RNA Duplexes. Biochemistry, 43, 1999, pgs. 14214-14223. ✓			
AK		LADBURY ET AL. Thermodynamics of Formation of a Three-Strand, DNA Three-Way Junction Complex, Biochemistry, 33, 1994, pgs. 6828-6833. ✓			
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AK		MATTHEWS ET AL. Predicting Oligonucleotide Affinity to Nucleic Acid Targets, RNA, 5, 1999, pgs. 1458-1469. ✓			
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AK		PESOLE G., ET AL. Gene Up: A program to Select Short PCR Primer Pairs that Occur in Multiple Members of Sequence Lists. Biotechniques, 25, 1998, pgs. 112-123. ✓			
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AK		POLLAMEN, R., ET AL. Detection of Human Papillomavirus by non Isotopic in situ Hybridization in Condylomatous and CIN Lesions. Journal of Clinical pathology, 46, 1993, pgs. 936-939. ✓			

Examiner Signature	<i>Andrew Kandy</i>	Date Considered	12/4/03
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Sheet 2 of 4

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Application Number	09/876,549
Filing Date	June 7, 2001
First Named Inventor	John SantaLucia, et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	WSU 0152 10XP

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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AK		FEREA, T.L., ET AL. Systematic Changes in Gene Expression Patterns Following Adaptative Evolution in Yeast. Proc. Natl. Acad. Sci. U.S.A., 96, 1999, pgs. 9721-9726.
AK		FODOR, S.P.A., ET AL. Multiplexed Biochemical Assays with Biological Chips. Nature, 364, 1993, pgs. 555-556.
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AK		FREIER, S.M., ET AL. Improved Free-energy Parameters for Predictions of RNA Duplex Stability. Proc. Natl. Acad. Sci. U.S.A., 83, 1986, pgs. 9373-9377.
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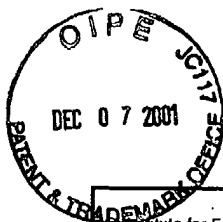
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AK		SANTALUCIA J., JR., ET AL. Measuring the Thermodynamics of RNA Secondary Structure Formation, Biopoly, 44 1997, pgs. 309-319.			
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